

FIG. 1

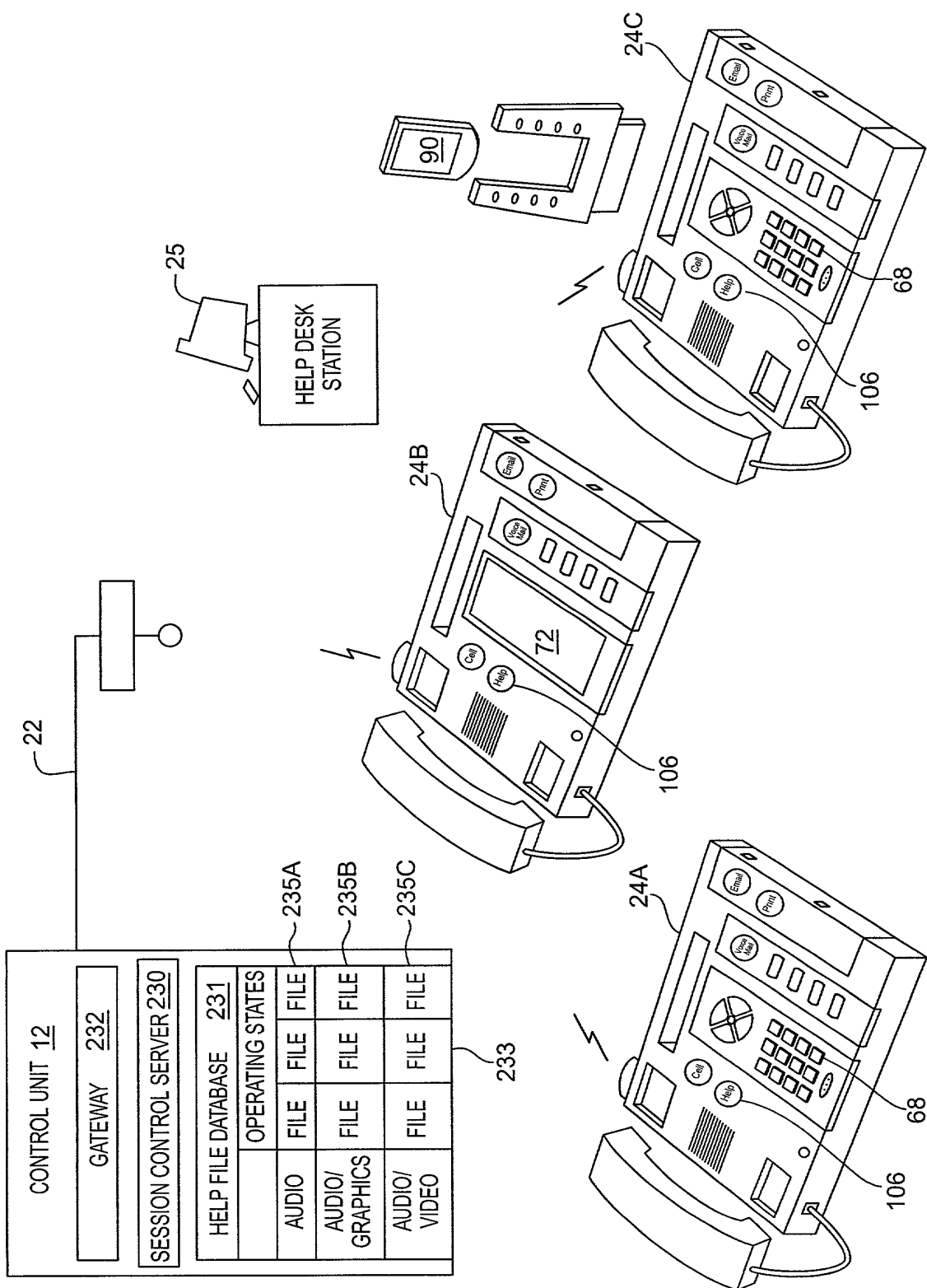
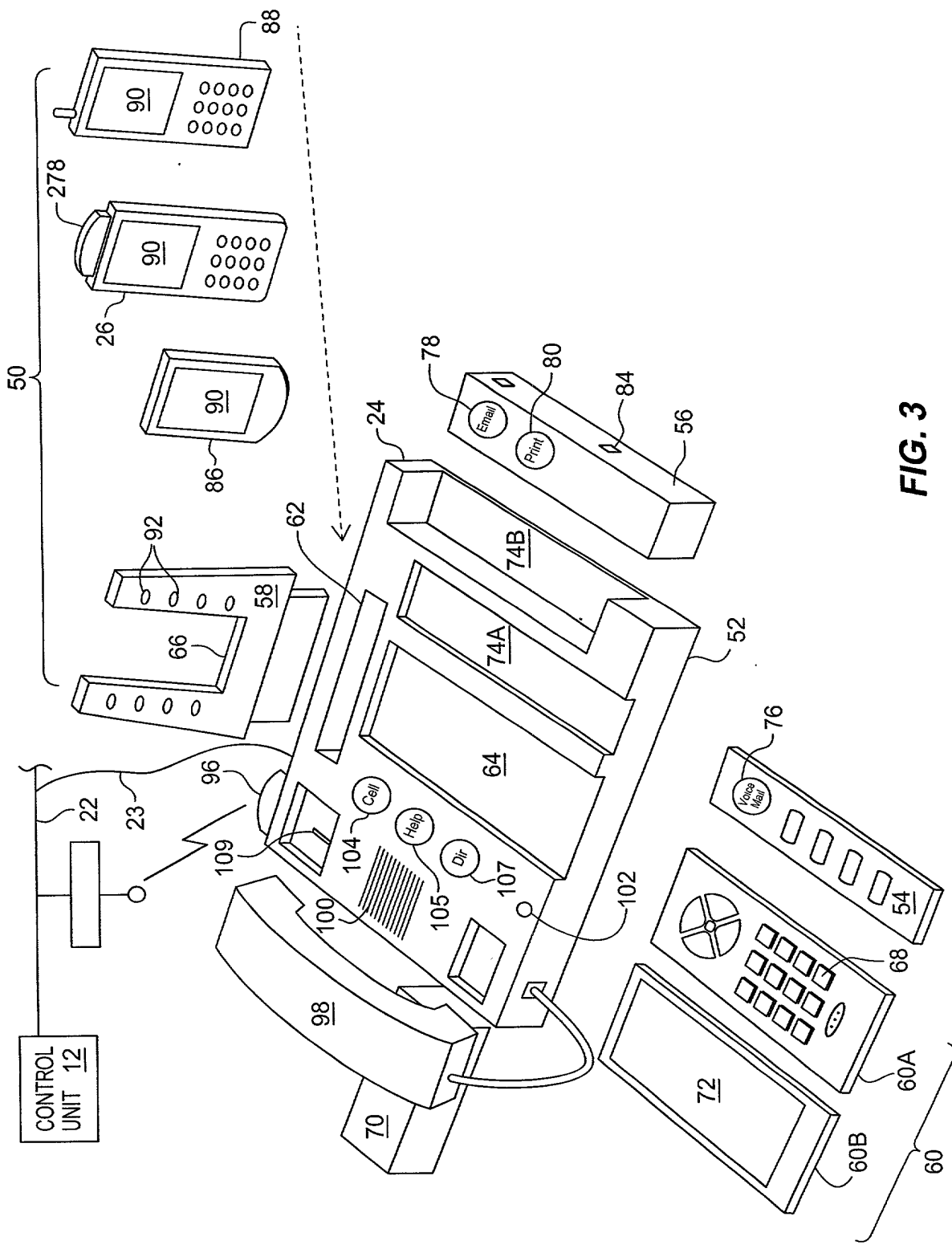


FIG. 2

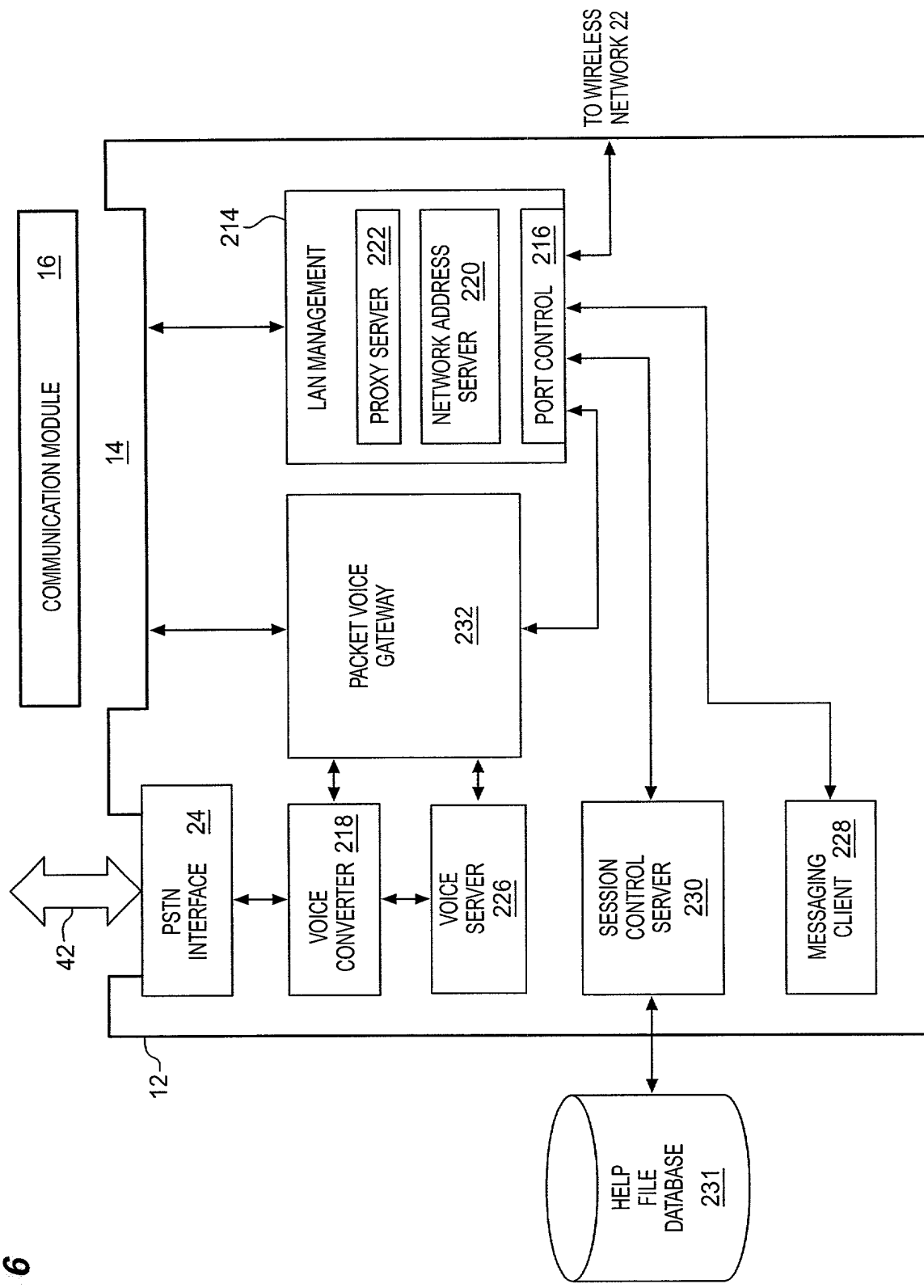


**FIG. 3**





FIG. 6



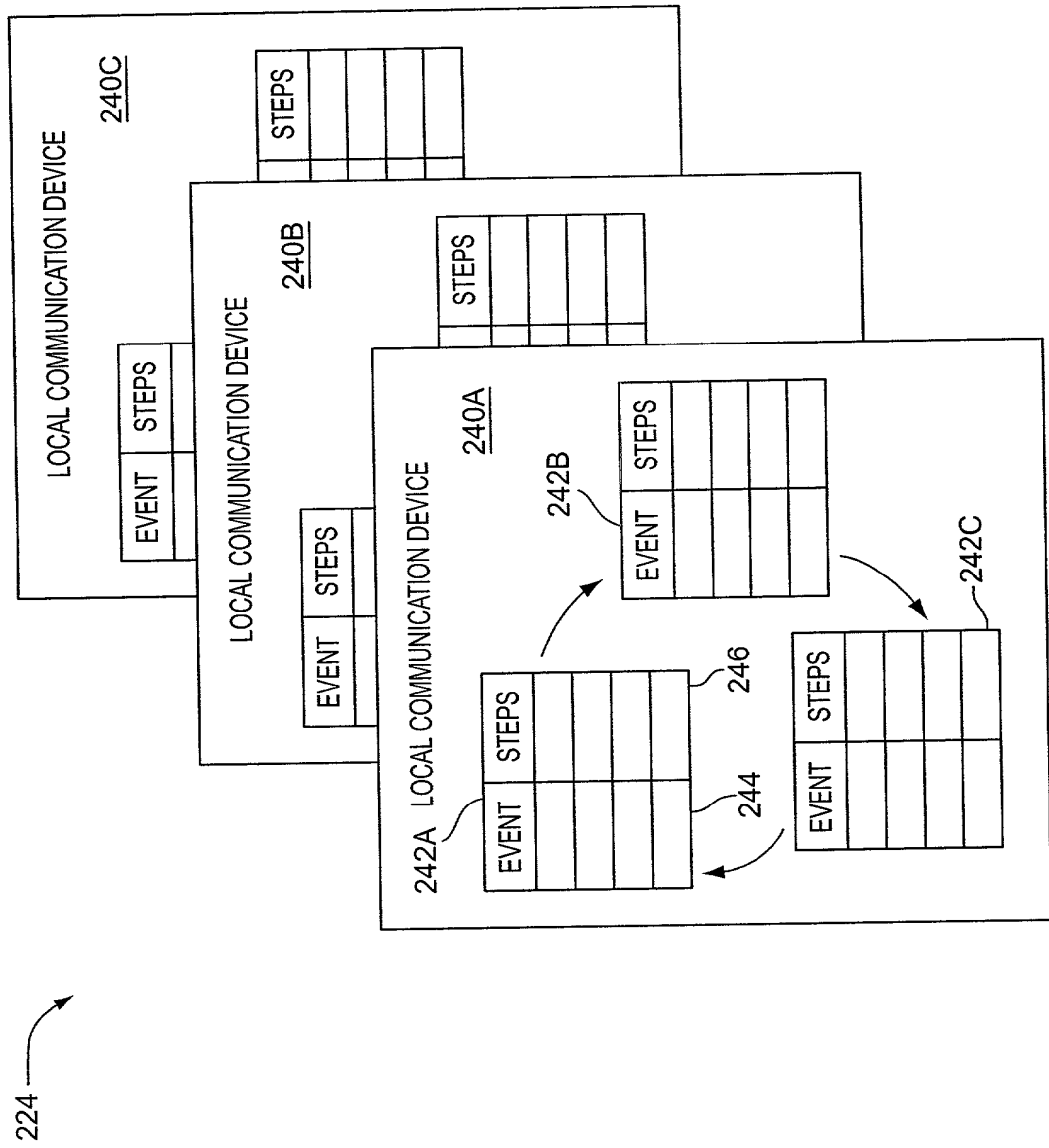
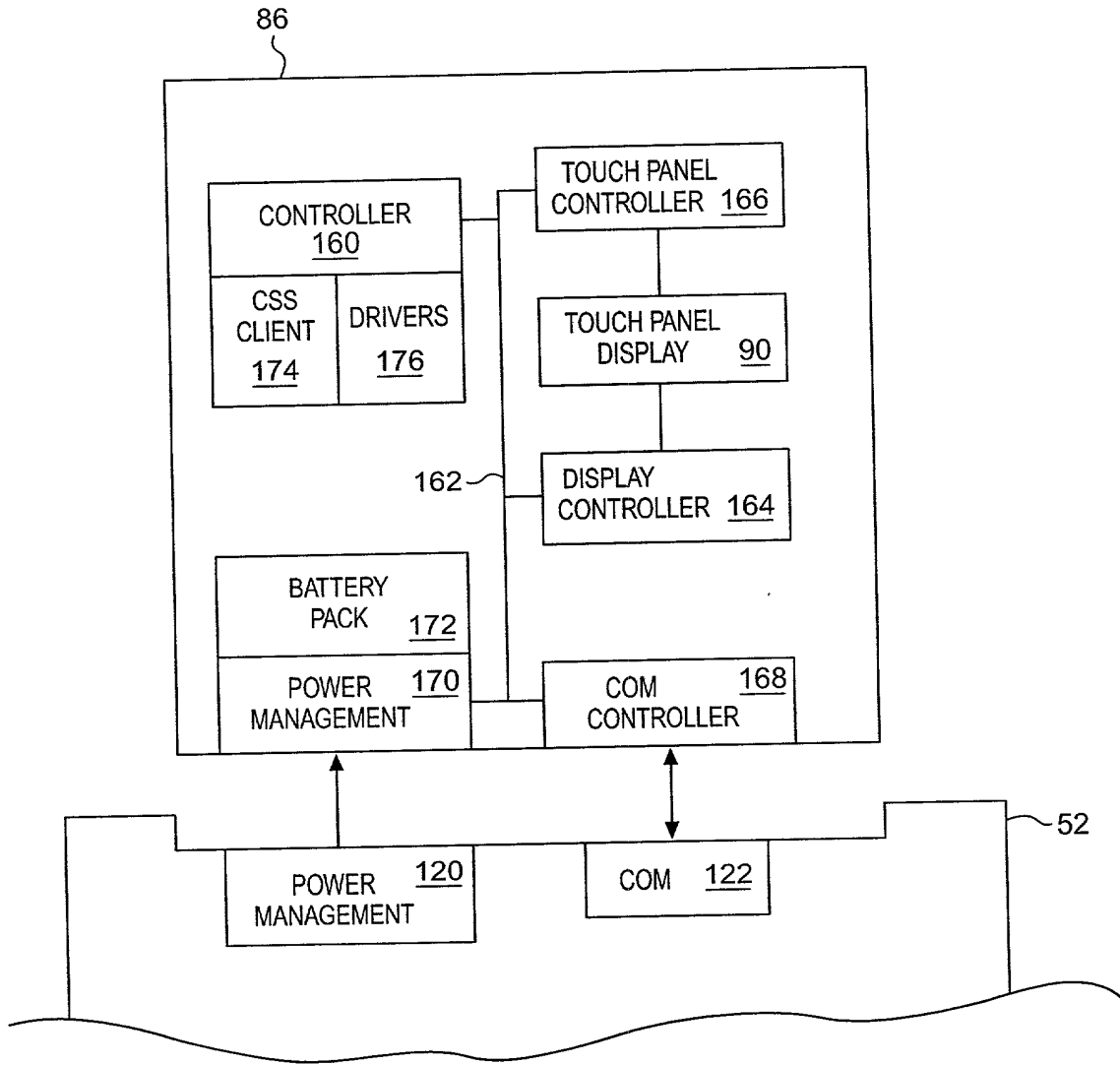
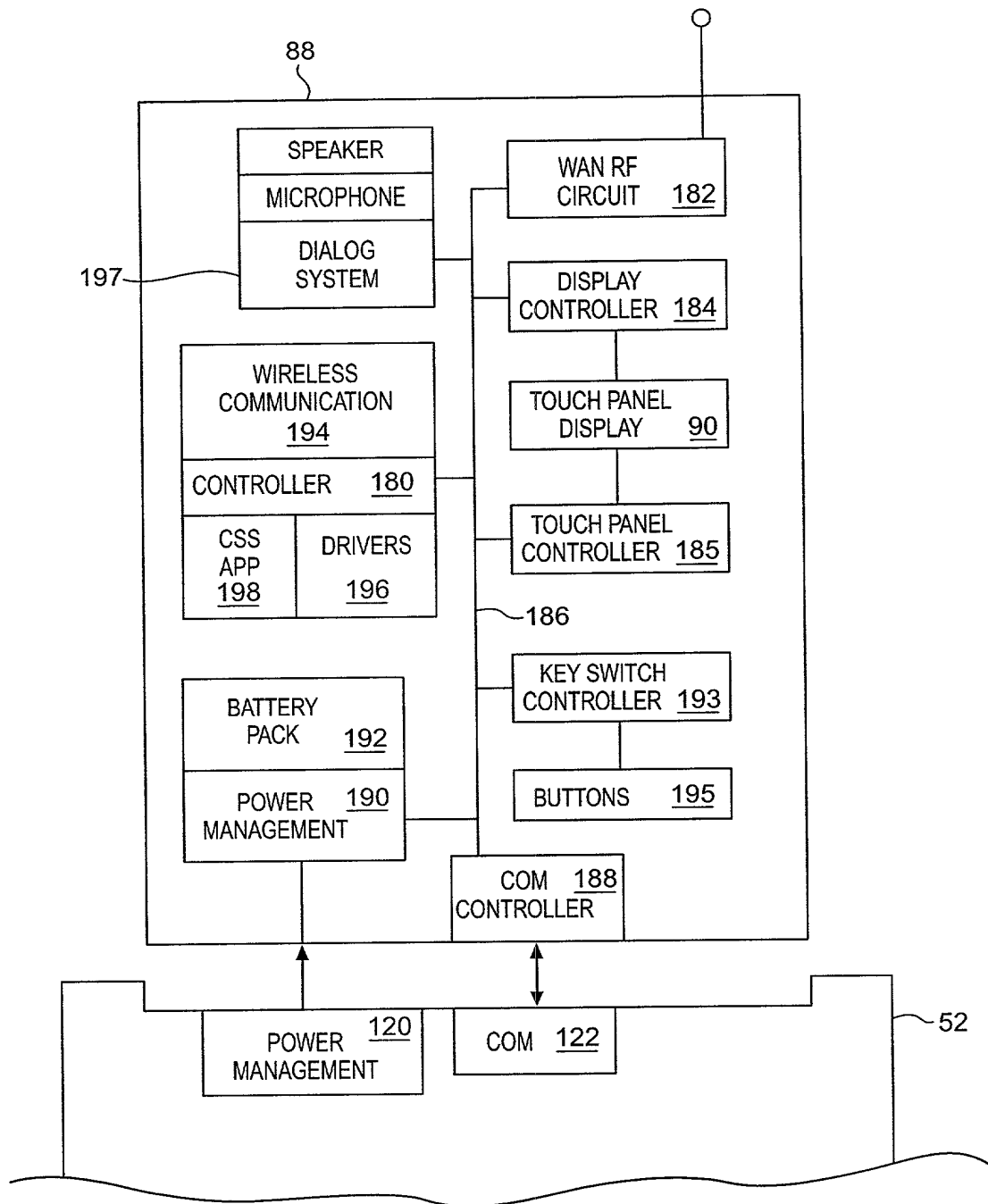


FIG. 7

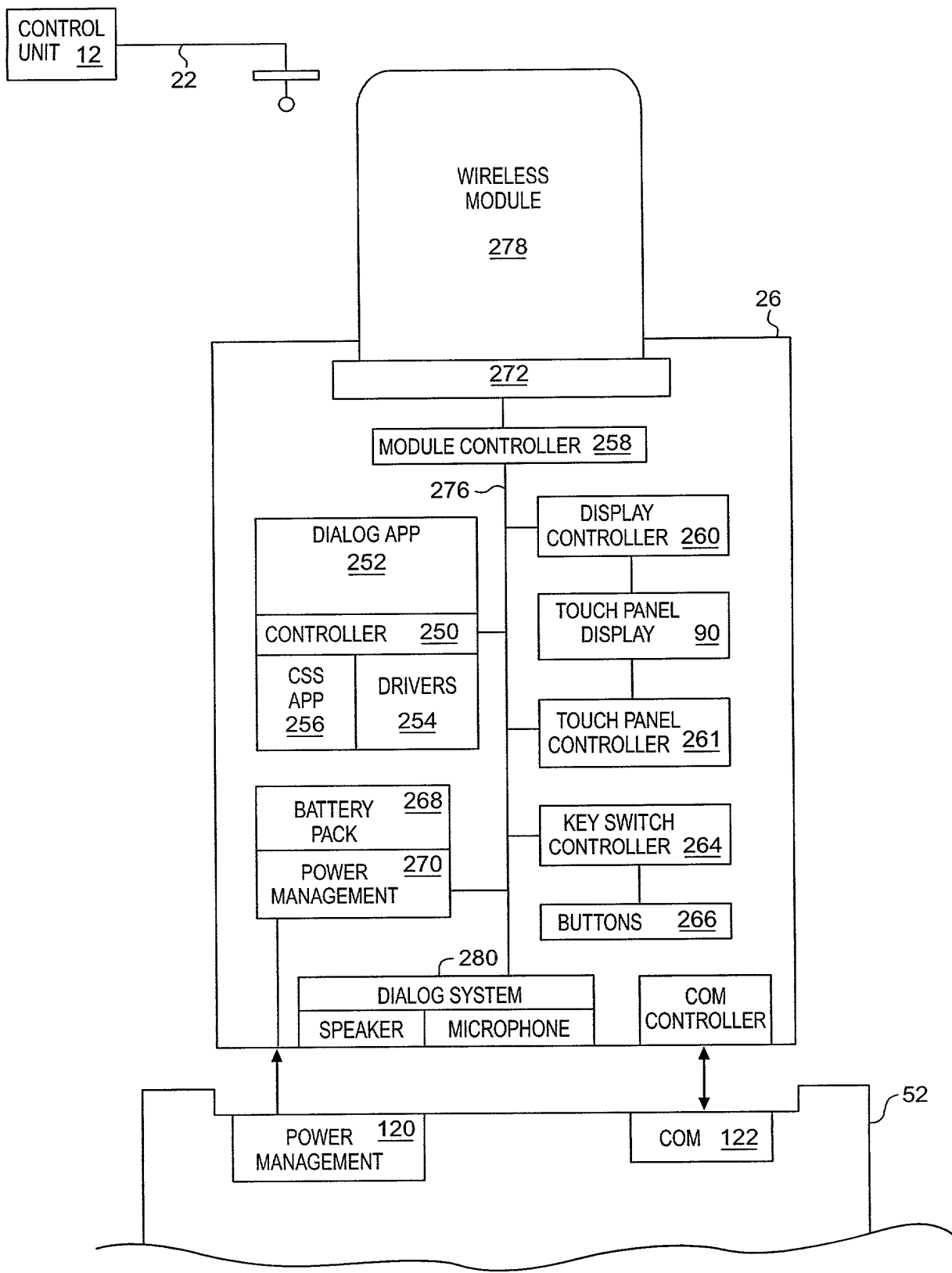


**FIG. 8**





**FIG. 9**



**FIG. 10**

START UP STATE - WAITING FOR EVENTS	
EVENTS	STEPS
300 OPEN SESSION REQUEST ON PREDETERMINED PORT	<ul style="list-style-type: none"> <li>• ESTABLISH NEW LOCAL COMMUNICATION DEVICE STATE MACHINE</li> <li>• ESTABLISH SESSION</li> <li>• SEND LOGON CONTROL SCRIPTS</li> <li>• GET CSS INTERFACE CONFIGURATION</li> <li>• PROVIDE MAIN MENU DISPLAY CONTENT</li> <li>• PROVIDE MAIN MENU LAYOUT CONTROL</li> <li>• GO TO MAIN MENU STATE</li> </ul>

**FIG. 11A**

MAIN MENU STATE - WAITING FOR EVENTS	
EVENTS	STEPS
302 MENU SELECTION	• GO TO SELECTED STATE
304 VOICE SESSION SIGNAL TO CSS	<ul style="list-style-type: none"> <li>• COMPLETE AUDIO SESSION SIGNALING</li> <li>• SET UP AUDIO SESSION CHANNELS</li> <li>• GO TO AUDIO SESSION STATE</li> </ul>
306 VOICE SESSION SIGNAL FROM CSS	
308 INITIALIZE SUBSCRIBER DEVICE	<ul style="list-style-type: none"> <li>• SEND ID EXTRACTION CONTROL SCRIPTS</li> <li>• GET SUBSCRIBER DEVICE ID</li> <li>• PROVIDE INITIAL DISPLAY CONTENT</li> <li>• PROVIDE DISPLAY LAYOUT CONTROL</li> <li>• GO TO SUBSCRIBER DEVICE MAIN MENU STATE</li> </ul>
310 HELP REQUEST	<ul style="list-style-type: none"> <li>• SET UP AUDIO SESSION CHANNEL</li> <li>• SELECT HELP FILES</li> <li>• GO TO AUDIO HELP STATE</li> </ul>

**FIG. 11B**

SUBSCRIBER DEVICE MAIN MENU STATE - WAITING FOR EVENTS		
EVENTS		STEPS
312	MENU SELECTION	• GO TO SELECTED STATE
314	VOICE SESSION SIGNAL TO CSS	• COMPLETE AUDIO SESSION SIGNALING • SET UP AUDIO SESSION CHANNELS • GO TO AUDIO SESSION STATE
316	VOICE SESSION SIGNAL TO SD	
318	VOICE SESSION SIGNAL FROM CSS	
320	HELP REQUEST	• SETUP AUDIO AND VIDEO/GRAPHIC COMMUNICATION CHANNELS • SELECT HELP FILES • PROVIDE HELP MENU DISPLAY CONTENT • PROVIDE HELP MENU DISPLAY LAYOUT CONTROL • GO TO GRAPHIC HELP STATE
322	MESSAGE REQUEST	• GET MESSAGES FROM REMOTE SYSTEM • SORT MESSAGES BY TYPE • PROVIDE MESSAGE LIST CONTENT • PROVIDE MESSAGE LIST LAYOUT CONTROL • GO TO MESSAGE LIST STATE
324	AUDIO MESSAGE REQUEST	
326	SUBSCRIBER DEVICE REMOVE	• GO TO MAIN MENU STATE

**FIG. 11C**

MESSAGE LIST STATE - WAITING FOR EVENTS		
	EVENTS	STEPS
328	VOICE SESSION SIGNAL TO CSS	<ul style="list-style-type: none"> <li>• SET UP AUDIO SESSION CHANNELS</li> <li>• GO TO AUDIO SESSION STATE</li> </ul>
330	VOICE SESSION SIGNAL TO SD	
332	VOICE SESSION SIGNAL FROM CSS	
334	AUDIO MESSAGE SELECT	<ul style="list-style-type: none"> <li>• SET UP AUDIO SESSION CHANNEL TO CSS</li> <li>• START AUDIO CONTENT MESSAGE</li> <li>• GO TO AUDIO SESSION STATE</li> </ul>
336	MESSAGE SELECT	<ul style="list-style-type: none"> <li>• SETUP AUDIO AND VIDEO/GRAPHIC COMMUNICATION CHANNELS</li> <li>• SELECT HELP FILES</li> <li>• PROVIDE MESSAGE DISPLAY CONTENT</li> <li>• PROVIDE MESSAGE DISPLAY LAYOUT CONTROL</li> <li>• GO TO MESSAGE DISPLAY STATE</li> </ul>
338	MESSAGE PRINT	<ul style="list-style-type: none"> <li>• FORMAT MESSAGE CONTENT FOR PRINTER</li> <li>• SEND MESSAGE FILE TO PRINTER</li> <li>• GO TO MESSAGE LIST STATE</li> </ul>
340	HELP REQUEST	<ul style="list-style-type: none"> <li>• PROVIDE HELP MENU DISPLAY CONTENT</li> <li>• PROVIDE HELP MENU DISPLAY LAYOUT CONTROL</li> <li>• GO TO GRAPHIC HELP STATE</li> </ul>
342	SUBSCRIBER DEVICE REMOVE	<ul style="list-style-type: none"> <li>• GO TO MAIN MENU STATE</li> </ul>

**FIG. 11D**

400	
HELP STATE - WAITING FOR EVENTS	
EVENTS	STEPS
402 MENU SELECTION	<ul style="list-style-type: none"> <li>• SETUP AUDIO AND VIDEO/GRAPHIC COMMUNICATION CHANNELS</li> <li>• SELECT HELP FILES</li> <li>• PROVIDE MESSAGE DISPLAY CONTENT</li> <li>• PROVIDE MESSAGE DISPLAY LAYOUT CONTROL</li> </ul>
404 SECOND HELP REQUEST	<ul style="list-style-type: none"> <li>• PROVIDE INSTRUCTION TO CSS TO INITIATE AUDIO SESSION TO HELP STATION</li> </ul>

**FIG. 11E**

344	BASE STATE - WAITING FOR EVENTS	
	EVENTS	STEPS
350	AUDIO SESSION SIGNAL FROM CONTROLLER	<ul style="list-style-type: none"> <li>• SET UP AUDIO SESSION CHANNELS</li> <li>• GO TO AUDIO SESSION STATE</li> </ul>
352	AUDIO SESSION INITIATION BY SUBSCRIBER	
354	AUDIO SESSION INITIATION BY SD	
355	INSTRUCTION TO INITIATE AUDIO SESSION	
356	SUBSCRIBER INTERFACE CONTROL	<ul style="list-style-type: none"> <li>• REPLAY CONTROL ACTIVATION TO CONTROL UNIT</li> <li>• GO TO BASE STATE</li> </ul>
358	RECEIVE DISPLAY CONTENT AND RECEIVE DISPLAY LAYOUT CONTROL	<ul style="list-style-type: none"> <li>• UPDATE DISPLAY</li> <li>• GO TO BASE STATE</li> </ul>
360	RECEIVE PROCESSING SCRIPT	<ul style="list-style-type: none"> <li>• PROCESS SCRIPT</li> <li>• GO TO BASE STATE</li> </ul>
362	WAN TELEPHONE SIGNAL	<ul style="list-style-type: none"> <li>• GO TO WAN STATE</li> </ul>
364	DETECT SUBSCRIBER DEVICE	<ul style="list-style-type: none"> <li>• SEND INITIALIZE SUBSCRIBER MESSAGE</li> <li>• GO TO BASE STATE</li> </ul>

346	STARTUP STATE - WAITING FOR EVENTS	
	EVENTS	STEPS
366	NETWORK CONNECTION	<ul style="list-style-type: none"> <li>• SESSION REQUEST TO CONTROL UNIT</li> </ul>
368	RECEIVE LOGIN SCRIPT	<ul style="list-style-type: none"> <li>• PROCESS LOGON SCRIPT</li> <li>• PROVIDE INTERFACE CONFIGURATION</li> <li>• GO TO BASE STATE</li> </ul>

**FIG. 12**